P.W.G. 17 — 1st and final Bill — Original/Duplicate/Triplicate — Reference paras 158 & 170

SBR No: 22/17-18 dt 06-5-2017

NO

CONTRACT CERTIFICATE

Division: Yelahanka — Sub division: Yelahanka New Town — Date

Bills received No — Sub-divisional — Cash book vr No

Sheduled Docket No — Divisional — Date

Name of work(as per sanctioned estimate) :- — Head of account

YNK-DBR No. 36 Date 09.05.17

Work Code:003-17-000006

NAME OF WORK :Aspahlting to roads and improvements to drains in Thirumala Nagara main roads 4th and 5th cross roads of Attur ward no 03

Name of contractor and full address :-

Technical Manager (west)

Reference to agreement No :- 138

Estimated cost : 50.00 — **Work O.No :138, dt:31/03/2017**

Certified that the measurments were taken by me on and recorded on pages HG5802 to HG5811 of measurment book No HG59 and the work is satisfactorily executed by the contractor.

Asst. Engineer

Signature of contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Certified that the measurments were taken by me on and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%--------		
3) Balance---	ST	
	1 % Final	492007:00
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No---------dated----------S.D No----------Amount adjusted towards cash advance recovery of	FCD	246004:00
	IT	98402:00
b) Cost of payments/stores or other materials supplied now made recovery of	KST	196803:00
	LC	49201:00
Amount paid on this bill by cheque/cash	CBF	49201:00
Total	LR	131436:00
	T.D	726766:00
5). Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book		
7) Net amount due to or from contractor.	Net	419305:00
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

For use in the Executive Engineer's office

of payment as per memorandum
(in final settlement of all demand)

Reciept Stamp

Witness
1)
2)

Dated signature of contractor

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

paid by me cheque No dated

Cash Rs

Initials of officer making payment

Date

Audited & Admitted for Rs. 492007:00

Date 419305:00

726766:00

Executive Engineer

Asst. Engineer
Yelahanka Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Present Measurement			Total Up to date	
			Qty	Rate	Amount	Qty	Cost
1	2	3	6	7	8	9	10
1	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3).	Sqm	359.07	80.56	28926.68	359.07	28926.68
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3	Cum.	235.60	86.92	20478.35	235.60	20478.35
3	Providing granite slabs of selected quality roughly dressed and fixed cement motort (1:6) including fixing curing etcc. Complete 10 cm thick	Sqm	101.28	825.74	83630.95	101.28	83630.95
4	KSRRB M300-14. Excavation for roadwork in all type of soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1.00 km and complete as per specifications. MORTH Specification No.301	Cum.	1340.2	48.76	65348.15	1340.20	65348.15

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Present Measurement			Total Up to date	
			Qty	Rate	Amount	Qty	Cost
	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading- II Material	Cum.	502.58	1665.26	836926.37	502.58	836926.37
6	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite/trap/basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum.	753.53	1768.08	1332301.32	753.53	1332301.32
7	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM,WMM ,including clearing of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per Specifications. MORTH Specification No. 502	Sqm	3350.5	27.56	92339.78	3350.50	92339.78

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Present Measurement			Total Up to date	
			Qty	Rate	Amount	Qty	Cost
8	KSRRB 500-7. Providing and applying tack coat using 80/100 grade Bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm , heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5	Cum.	3350.5	11.66	39066.83	3350.50	39066.83
9	KSRRB M500- 17. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II(50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and filler, transporting the hot mix to work site , laying to the required grade,level and alignment, rolling with wheeled , vibratory and tandeem rollers to achieve the desired compaction as per MORTH Table-500-10 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications MORTH Specification No.507	Cum.	167.53	6435.26	1078099.11	167.53	1078099.11
10	KSRRB M500- 19. Providing, laying bituminousConcrete using 40/60 TPH capacity H.M.P with Mechanical paver Gr II(30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and filler , transporting the hot mix to work site , laying to the required grade,level and alignment, rolling with wheeled , vibratory and tandeem rollers to achieve the desired compaction as per MORTH Table-500.9 including all leads and lift cost of all materials, labour, HOM of machineries complete as per specifications	Cum.	100.45	7270.54	730325.74	100.45	730325.74

Sl. No.	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Present Measurement			Total Up to date	
			Qty	Rate	Amount	Qty	Cost
11	Lead for disposal of earth shall be payable at Carriage rates (Lead & Lift) by mechanical means including loading and unloading up to 7kms.	Cum.	1575.8	90.40	142452.32	1575.80	142452.32
12	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803	Sqm	117.80	542.72	63932.42	117.80	63932.42
		TOTAL			4513827.98		4513827.98
13	Cost towards preparation of DPR PMC / QC @1%				45138.27		45138.27
14	Cost of plastic @ 8% bitumen qty for BC		1133.07	27	30592.89		30592.89
15	KRIDL Charges 9%				406244.51		406244.51
		GRAND TOTAL			4995803.65		4995803.65

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Ward no 03
Assistant Engineer

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP Bangalore